





STATE

Agricultural AND Mechanical College

ALABAMA.

1878-9.



CATALOGUE

OF THE

State Agricultural & Mechanical College,

AUBURN, ALABAMA.

1878-9.

MONTGOMERY, ALA. :

BARRETT & BROWN, STATE PRINTERS.

1879.

BOARD OF TRUSTEES.

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Instructor.

C. C. THACH, B. E.,

Instructor.

J. H. DRAKE, M. D.,

Surgeon.

WM. C. STUBBS, A. M.,

Secretary of Faculty.

E. R. RIVERS, C. E.,

Librarian.

MILITARY ORGANIZATION.

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Post Adjutant :

CAPT. E. R. RIVERS.

CADET OFFICERS.

Adjutant :

J. S. DOWDELL.

Sergeant-Major :

J. L. WATKINS.

Company A.

Captain :

W. H. BLAKE.

First Lieutenant :

FRANK B. DILLARD.

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First Lieutenant :

JOHN O. PINCKARD.

Second Lieutenant :

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Quartermaster-Sergeant :

JOHN CANTEY.

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R. E. THOMAS.

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Captain :

M. S. ANDREWS, JR.

First Lieutenant :

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Second Lieutenant :

JABEZ C. STREET.

Company D.

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THOMAS M. OLIVER.

First Lieutenant :

J. E. D. SHIPP.

Second Lieutenant :

EDWIN A. PRICE.

CATALOGUE OF STUDENTS.

(BY CLASSES AND COURSES.)

Sc. stands for Course in Science; Ag. Agriculture; C. E. Civil Engineering;
L. Literature; * Commercial Course; † Irregular.

GRADUATES—CLASS OF 1878.

DAWSON, LEMUEL GULIVER, B. E. Elmore county, Alabama.
DOWDELL, SILAS CHARLES, B. S. Auburn, Alabama.
FRAZER, TUCKER HENDERSON, B. E. Auburn, Alabama.
HARDAWAY, ROBERT EARLY, B. E. " "
LANIER, ISAAC ALEXANDER, B. E. Huntsville, Alabama.
PRICE, GEORGE HUNTER, B. E. Huntsville, Alabama.
SCHIEFFELIN, LEE STARKE, B. E. Mobile, Alabama.
THORNTON, REUBEN LOXLA, B. E. Tuskegee, Alabama.

POST GRADUATES.

FRAZER, TUKER HENDERSON, L. Auburn, Alabama.
PRICE, GEORGE HUNTER, Sc. Huntsville, Alabama.

FIRST CLASS.

ANDREWS, MARK SAMUEL, L. Auburn, Alabama.
BLAKE, WYATT HEFLIN, Sc. Randolph county, Alabama.
CRAWFORD, JAMES ALEXANDER, C. E. Coosa county, Alabama.
DILLARD, FRANK BARTOW, C. E. Auburn, Alabama.
DOWDELL, JOSHUA SILAS, L. Chambers county, Alabama.
GARRISON, E. J. L. Clay county, Alabama.
MCGEHEE, OLIVER CLARK, Sc. Montgomery county, Alabama.
O'HARA, ALLEN BARTHOLOMEW, C. E. Chambers county, Alabama.
OLIVER, THOMAS MCCARTY, Ag. Auburn, Alabama.
PERRY, HENRY GAITHER, L. " "
PINCKARD, JOHN OSCAR, C. E. Randolph county, Alabama.
SHIPP, J. E. D., L. Cusseta, Georgia.
WIMBERLY, LEWIS THEODORE, C. E. Lee county, Alabama.

SECOND CLASS.

ASHCRAFT, J. T., C. E. Clay county, Alabama.
ANDREWS, GLENN, L. Montgomery, Alabama.
ATKINSON, BENJAMIN F., L. West Point, Georgia.

CANTEY, JOHN, C. E.	Russell county, Alabama.
CANTEY, SAMUEL BENTON, C. E.	“ “
†CHAPMAN, WILLIAM, C. E.	Coosa county, Alabama.
CALLAWAY, SAMUEL, C. E.	Montgomery county, Alabama.
DAVIS, JOHN STEPHEN NEAL, C. E.	Lee county, Alabama.
DAVISON, JOHN TOLBERT, C. E.	Pike county, Alabama.
DUKE, J. B., L.	Harris county, Georgia.
ELLISON, S. T., C. E.	Ellerslie, Georgia.
FITZPATRICK, ALVA, C. E.	Union Springs, Alabama.
HALL, G. R., Ag.	Bullock county, Alabama.
†HODGE, W. H.	Lee county, Alabama.
HURT, JAMES M., C. E.	Auburn, Alabama.
MARTIN, HARRISON LaFAYETTE, L.	Henry county, Alabama.
MCCOY, CHARLES B., Sc.	Opelika, Alabama.
OUSLEY, R. F., L.	Ousley, Georgia.
PACE, S. B., L.	Lee county, Alabama.
†PAYNE, HOWARD ALDEN, C. E.	Auburn, Alabama.
PRICE, EDWIN ARMSTRONG, C. E.	Huntsville, Alabama.
SMITH, P. CHANCEY, C. E.	Montgomery, Alabama.
STEVENS, GEORGE W., C. E.	Randolph county, Alabama.
STREET, JABEZ CURRY, C. E.	Clay county, Alabama.
STREET, ROBERT Y., Sc.	“ “
†SYKES, J. J., Ag.	Lawrence county, Alabama.
THOMAS, R. E., C. E.	Tallapoosa county, Alabama.
URQUHART, H. B., L.	Auburn, Alabama.
WALKER, B. L., C. E.	Union Springs, Alabama.
WATKINS, J. L., Ag.	Huntsville, Alabama.
†WILLIAMS, T. S.	Society Hill, South Carolina.

THIRD CLASS.

ACREE, W. U.	Newton, Alabama.
ALLEN, JAMES UPSHAW,	Athens, Alabama.
ALEXANDER, C. D.	Prattville, Alabama.
*BARKER, W. A.	Mellville, Georgia.
BLACKWELDER, W. M.	Dudleyville, Alabama.
CALLAWAY, JOSEPH.	Montgomery county, Alabama.
CAMPBELL, MOSES G.	Tuskegee, Alabama.
COLEMAN, A. A., jr.	Greensboro, Alabama.
CRAWFORD, P. F.	Lee county, Alabama.
CRITTENDEN, O. H.	Macon county, Alabama.
†CUNNINGHAM, W. H.	Clarke county, Alabama.
†CUNNINGHAM, J. D.	Clarke county, Alabama.
DAVENPORT, D. F.	Americus, Georgia.
DOWDELL, ANDREW LIPSCOMB.	Auburn, Alabama.
DUDLEY, F. J.	Columbus, Georgia.
DUDLEY, N. L.	“ “
DUNN, S. C.	Lee county, Alabama.
†FARILL, J. P.	Grantville, Alabama.

FEAGIN, R. I.	Lumpkin, Georgia.
GARLAND, EDWARD H.	Barbour county, Alabama.
†GLENN, WALTER ROSS.	Lee county, Alabama.
HAMMACK, J. A.	“ “
HARDIE, BRADFORD.	Montgomery, Alabama.
†HARVEY, Wm. AUGUSTUS.	Auburn, Alabama.
JETER, JOE H.	Opelika, Alabama.
JONES, JESSE G.	Montgomery, county, Alabama.
†JOHNSTON, EGBERT B.	Eufaula, Alabama.
LAMAR, Wm. H.	Lee county, Alabama.
LANGHORNE, J. M. jr.	Perry county, Alabama.
*LAWRENCE, G. G.	Cherokee county, Alabama.
LETCHER, J. T.	Coosa county, Alabama.
MCGOUGH, THOMAS DAWSON.	Russell county, Alabama.
†MCINTOSH, C. E.	Thomasville, Georgia.
MCINTOSH, A. M.	Tallapoosa county, Alabama.
MCLEOD, W. C.	Columbus, Georgia.
MITCHELL, ALEX. JORDAN.	Russell county, Alabama.
MURRELL, GEORGE O.	Mobile, Alabama.
OUSLEY, C. N.	Ousley, Georgia.
PITMAN, S. S.	LaGrange, Georgia.
QUINLAN, FRANK P.	Mobile, Alabama.
ROSS, BENNETT BATTLE.	Auburn, Alabama.
†SAMFORD, C. A., L.	Auburn, Alabama.
SHERROD, C. M.	Courtland, Alabama.
SIMMONS, W. H.	Dale county, Alabama.
SPURLIN, W. D.	Wilcox county, Alabama.
TAYLOR, W. DANA.	Montgomery county, Alabama.
TRAMMELL, J. D., No. 1.	Macon “ “
†TYSON, JONES A.	Lowndesboro, “ “
VANHOOSE, M. A.	Auburn, Alabama.
VANHOOSE, E. I.	Auburn, Alabama.
WAGNON, J. E.	Lee county, Alabama.

FOURTH CLASS.

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ASHLEY, Wm. A.	Montgomery, Alabama.
†AVERETT, C. L.	Chambers county, Alabama.
†BARNES, JNO R.	Opelika, Alabama.
BATTLE, C. E.	Lumpkin, Georgia.
BRADLEY, Wm. C.	Russell county, Alabama.
*†BRYANT, P. A.	Clark county, Alabama.
*†CATCHING, T. J.	Equality, Alabama.
CATER, L. F.	Perry, Georgia.
CATTS, SIDNEY J.	Pleasant Hill, Alabama.
CHERRY, L. D.	Opelika, Alabama.
CHRISTIAN, J. B.	Camden, Alabama.
CLEGG, A. M.	Columbus, Georgia.

CLOPTON, DAVID, jr.,	Montgomery, Alabama.
†COX, B. L.	Lee county, Alabama.
*CRAIG, R. A.	Marion, Alabama.
DANIELL, JAMES L.	Russell county, Alabama.
*DENNIS, S. M.	Dadeville, Alabama.
*DRAKE, E. A.	Thomaston, Georgia.
DRAKE, F. L.	Thomaston, Georgia.
DRANE, HENRY	Buena Vista, Georgia.
EBERHART, BARTOW	Glennville, Alabama.
FITZPATRICK, B. H.	Union Springs, Alabama.
FLANDIN, J. E.	New York City, New York.
*†FOY, L. W.	Eufaula, Alabama.
†GILMER, F. J.	Mathews Station, Alabama.
*GLENN, G. E.	Columbus, Georgia.
†HALEY, W. J.	Lee county, Alabama.
HARDAWAY, B. H.	Auburn, Alabama.
†HARDIN, A. E.	Opelika, Alabama.
HEAD, O. C.	Lee county, Alabama.
*†HIGGINS, A. P.	Troy, Alabama.
†HIGHTOWER, GEORGE H.	Salem, Alabama.
*HOLT, C. N.	Montgomery, Alabama.
HOLT, N. B.	Montgomery, Alabama.
†HOUSTON, T. W.	West Point, Georgia.
HUDSON, W. A.	Opelika, Alabama.
JONES, W. H.	Union Springs, Alabama.
LONG, P. H. jr.	Lee county, Alabama.
†McELVEY, C. L.	Chattahoochee county, Georgia.
McGOUGH, GEORGE L.	Glennville, Alabama.
†McGRAW, CHARLES T.	Salem, “
McLAURINE, F. W.	Bullock county, “
*MILLER, SHELBY.	Lumpkin, Georgia.
*MITCHELL, H. S.	Russell county, Alabama.
MANGUM, D. B.	Auburn, “
MANGUM, T. F.	Auburn, “
*MORRIS, T. J.	Fort Gaines, Georgia.
ORUM, G. A.	Bullock county, Alabama.
*PATTERSON, J. C.	Lumpkin, Georgia.
*†PEAGLER, THOMAS W.	Greenville, Alabama.
*PEARSON, H. L.	Dadeville, “
PEARSON, W. W.	Tallapoosa county, Alabama.
*PIPPIN, A. R.	Courtland, “
PUGH, JAMES L. jr.	Eufaula, “
*†REESE, T. X.	Heard county, Georgia.
†REID, J. M.	Auburn, Alabama.
ROQUEMORE, ROBERT A.	Eufaula, “
†ROSS, I. S.	Auburn, “
†ROSS, W. J.	Eufaula, “
SAMFORD, N. P. D.	Auburn, “

SMITH, B. B.....	Dadeville, Alabama.
STEVENS, M. S.....	Auburn, “
STROM, J. E.....	Montgomery county, Alabama.
*†TALBOT, W. S.....	Lee county, “
THACH, R. H.....	Athens, Alabama.
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*TULLIS, W. J.....	Montgomery, Alabama
*†TURNER, A. G.....	Dadeville, “
URQUHART, R. H.....	Auburn, Alabama,
WALKER, W. R.....	Athens, Alabama.
WARREN, B. H.....	Choctaw county, Alabama.
†WEED, S. L.....	Dale county, “
†WHITLEY, M. W.....	Fort Deposit, “
*WILLIFORD, C. W.....	Chambers county “
*WILSON A. B.....	Enfaula, “
WOODROOF, J. W.....	Mooreville, “
WOOD, W. J.....	Chappell Hill, “

PREPARATORY DEPARTMENT.

ALEXANDER, J. L.....	McKinley, Alabama.
ALEXANDER, W. T.....	Georgetown, Georgia.
ANDREWS, PAUL.....	Montgomery, Alabama.
ANDREWS, W. T.....	Montgomery, Alabama.
ASHFORD, F. E.....	Limestone county, Alabama.
BARNES, W. S.....	Dale “ “
BATTLE, T. W.....	Lumpkin, Georgia.
BEAN, J. C.....	Pike county, Alabama.
BINFORD, J. L.....	Lee county, Alabama.
BOYKIN, J. F.....	Russell county, “
*BYRNE, H. B.....	Baldwin county, “
CARTER, A. H.....	Montgomery “
CATO, L. L.....	Glennville, “
CHAMBERS, JNO B.....	Russell county, “
*CHEATHAM, B. F.....	Montgomery, “
CHEATHAM, W. D.....	“ “
COLLIER, R. E. L.....	Opelika, “
COOPER, J. H.....	Lee county, “
COX, WM. F.....	Gadsden, “
*CRAWFORD, J. W.....	Auburn, “
CRAWFORD, W. H.....	Lee county “
CRADDOCK, A. M.....	Jackson, Georgia.
DELBIDGE, J. M.....	Macon county, Alabama.
DEWOLF, G. B.....	Chattahoochee county, Georgia.
DICK, JAMES K.....	Auburn, Alabama.
DILLARD, A. L.....	Auburn, “
DOWNING, W. D.....	Point Coupe Parish, Louisiana.
DUMAS, R. F.....	Auburn, Alabama.
DYESS, C. A.....	Perry county, Alabama.

ELMORE, B. F.....	Montgomery county, Alabama.
*ETHRIDGE, J. E.....	Perry county, “
ETHRIDGE, J. M.....	Perry county, “
FAIL, D. J.....	Camden, “
*FIELD, W. A.....	Eufaula, Alabama.
FOSTER, W. O.....	Auburn, “
FOUNTAIN, J. C.....	Montgomery, “
GAMBLE, G. M.....	Coosa county, “
GAY, CHARLES L.....	Auburn, “
GAY, J. F.....	Auburn, “
GLENN, E. T., jr.....	Auburn, “
GOODMAN, R. C.....	Island Home, Alabama.
HANKINS, LOUIS.....	Richmond, Virginia.
HARDIN, TABOR.....	Auburn, Alabama.
*HEARN, B. M.....	Columbus, Georgia.
HILL, EZEKIEL.....	West Point, Georgia.
HORN, J. J.....	Perry county, Alabama.
JENKINS, J. E.....	Camden, “
JONES, ALBERT.....	Montgomery county, Alabama.
KELLY, W. H.....	Montgomery, Alabama.
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*KING, J. W.....	Farmsdale, Alabama.
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*MARTIN, J. M.....	Union Springs, Alabama.
MCCOY, E. H.....	Hinds county, Mississippi.
McLEMORE, S. P.....	Montgomery, Alabama.
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*McTYER, S. B.....	Eufaula, “
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McNEIL, W. N.....	Linden, “
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*MOORE, J. T.....	Opelika, “
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OLIVER, S. H.....	Mobile, “
PACE, J. W.....	Lee county, “
PACE, THOMAS.....	Lee county, “
*PEACOCK, R. H.....	Buena Vista, Georgia.
PEARSON, L. W.....	Dadeville, Alabama.
PEARSON, S. B.....	Dadeville, “
PERRY, F. H.....	Auburn, “
RAIFORD, CAMPBELL.....	Auburn, Alabama.

ROBERSTON, C. E.....	Oxford, Alabama.
RUSHIN, J. T.....	Elmore county, Alabama.
SALE, J. C.....	Opelika, “
SCHUESSLER, STEPHEN.....	Montgomery, “
SHEPHERD, J. L.....	Dadeville, “
SIBLEY, W. F.....	Baldwin county, Alabama.
SLAUGHTER, A. W.....	Auburn, Alabama.
*SLAUGHTER, G. W.....	Auburn, “
SLAUGHTER, W. F.....	Auburn, “
SMITH, A. G.....	Enfaula, “
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SPIERS, J. H.....	Montgomery, Alabama.
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SWOPE, C. C.....	Wheeler's Station, Alabama.
THOMAS, J.....	Lee county, “
THORNTON, W. W.....	Montgomery, Alabama.
TOWNSEND, F. H.....	Athens, “
TRAMMELL, R. H.....	Auburn, “
TRAMMELL, THOMAS.....	Notasulga, Alabama.
TRAMMELL, G. W.....	Auburn “
TROY, R. M.....	Montgomery, “
*TURNER, G. B.....	Midway, “
VAN HOOSE, W. C.....	Auburn, “
WALKER, SAMUEL.....	Bibb county, Alabama.
WALPOLK, H. E.....	Mobile, “
YARBROUGH, W. S.....	Montgomery, Alabama.
YOUNG, B. W. B.....	Island Home, Alabama.

RECAPITULATION.

Post Graduates.....	2
First Class.....	13
Second Class.....	31
Third Class.....	51
Fourth Class.....	78
Preparatory Department.....	104-279

TERMS OF ADMISSION.

Candidates for admission to the Fourth Class of the College course, must be fourteen years of age and pass a creditable examination in the subjects of the preparatory course. A proportionate increase of age and advancement in studies will be required for entrance into higher classes.

Entrance examinations will be held on Monday and Tuesday preceding the opening of each term in September and February, at which all applicants should be present.

No one will be admitted who has been expelled or dismissed from any other college.

Satisfactory testimonials of good moral character are in all cases required.

Students, on their arrival, will report immediately to the President, and present their testimonials and instructions. After having paid their fees to the Treasurer, they will report to the Examining Committee, by whom, after examination, they will be assigned to appropriate classes. Upon presenting their certificates of examination and the receipts of the Treasurer, applicants will be matriculated by the Commandant, who will furnish to each one a copy of the Regulations, and assign him to his proper section and company.

COURSES OF INSTRUCTION.

The DEGREE COURSES of the College are organized as follows :

I.

COURSE IN AGRICULTURE.

II.

COURSE IN LITERATURE.

III.

COURSE IN SCIENCE.

IV.

COURSE IN ENGINEERING.

The four regular Degree Courses extend through four years. Except in languages, they are identical for two years. For the two remaining years, the studies in each course are arranged with reference to the end in view. Certificates of Proficiency are given in special courses of Surveying, Architecture and Commerce.

These courses are substantially those of the best schools, which propose to impart both scientific and literary education, and each degree course requires four years for its accomplishment. It will be seen on examination, that the prominence given to the Natural Sciences and the practical element associated with all departments of study, can not fail to render the courses especially valuable. Under Agricultural Chemistry will be considered composition of soils, relations of air and moisture to vegetable growth, chemistry of farm processes, methods of improving soils, and various other topics which may be properly treated of under this department. Botany, chemical physics and other departments of science will be studied and taught with special reference to their relation to Agriculture and Horticulture.

There are three experimental farms connected with the College—one at Auburn, another in the Valley of the Tennessee, near Courtland, and the third at Boiling Springs, in Wilcox county. Others will be established in different parts of the State, as the wants of the agricultural community may demand and the means of the College may justify. On these farms experiments in grasses, grains, textile and forage plants, vegetables, modes of culture, fertilizers, &c., are now in progress. These experiments will be continued from year to year, with such changes as may be deemed desirable, either for the instruction of the students or for the promotion of agricultural science.

I. THE COURSE IN AGRICULTURE, leading to the degree of Bachelor of Agriculture.

This course embraces either Latin or French and German; Natural Science as related to agriculture, particularly structural and systematical Botany; Agricultural and Analytical Chemistry; Natural History, particularly Zoology and Entomology—in the latter branch, insects injurious and beneficial to vegetation, will be carefully studied; Mathematics, with surveying and leveling; Political Economy, with lectures upon titles, contracts and accounts; Practical Agriculture, embracing soils, drainage, irrigation, fertilization and preparation of crops—use of implements—farm animals—fruit culture—market gardening—floriculture and landscape gardening. This course aims to give a student a thorough knowledge of the science and practice of farming.

II. COURSE IN LITERATURE—degree, Bachelor of Arts.

This course embraces Latin, Greek, a thorough study of English in its linguistic elements and in its literature; philosophic and historical studies; mathematics and natural science, but not to the same extent as required in the courses of Science or Engineering. This course is approximately the same as the usual course in Arts, but is extended in the department of science and in the study of the English language.

III. COURSE IN SCIENCE, leading to the degree of Bachelor of Science.

This course is designed for those who wish to study the Natural Sciences, Mathematics, Modern Languages, Latin, Literature, History, Rhetoric, Logic, and Mental and Moral Philosophy, as thoroughly as they are studied in the best colleges. A full course of Natural Science and Mathematics is included. Those desiring to follow any business in life requiring thorough knowledge of Mechanics or Chemistry, but who do not propose a connection with Engineering, would properly select the general Scientific Course. Those who have taken the usual classical course, by taking the course in Science would be qualified as teachers for any department of education.

IV. COURSE IN CIVIL ENGINEERING—degree, Bachelor of Engineering.

This course extends the scientific course in applied mathematics, embraces full instruction in regard to the construction of common roads, pikes, railroads, bridges, canals, improvements of rivers, harbors, &c.

V. COURSE IN SURVEYING.—Instruction in Surveying is of the most practical character, embracing every variety of field work with actual use of instruments.

A certificate of *Proficiency in Surveying* will be granted all applicants who stand an *approved* examination in the studies of the Third and Fourth Class in any course.

VI. COURSE IN BUILDING AND ARCHITECTURE.—Students desiring a partial course in Engineering may omit a part of the higher Mathematics, Chemistry, and study of languages. The course would consist of Architectural Drawing, equilibrium and stability of structures, arches, trusses, roofs, building material, mortars, &c.

Upon completion of the course, a certificate of proficiency will be given.

VII. COURSE IN COMMERCE.—The commercial course is intended to embrace two years, combining the work of the first section of the preparatory department with the regular work of the Fourth Class, substituting commercial arithmetic, book-keeping, and training in business forms and correspondence for an equivalent amount of work in ancient or modern languages. It is based on a thorough training in English grammar and plain mathematics. If fully prepared to enter the Fourth Class this course can be completed by the student in one year. Upon completion of the course a certificate of proficiency will be given.

COURSE OF STUDY.

FOR TWO YEARS.

PREPARATORY TO SPECIAL COURSES IN AGRICULTURE,
LITERATURE, SCIENCE, AND ENGINEERING.

FOURTH CLASS.

ENGLISH.....	<i>First Term</i> —5 History and Composition. <i>Second Term</i> —5 History and Composition.
MATHEMATICS.....	<i>First Term</i> —5 Algebra. <i>Second Term</i> —5 Geometry and Plane Trigonometry.
LANGUAGES.....	<i>First Term</i> —5 French or 5 Latin and Greek. <i>Second Term</i> —5 French or 5 Latin and Greek.
DRAWING.....	<i>First Term</i> —2 Linear Drawing. <i>Second Term</i> —2 Free-hand Drawing.
MILITARY.....	<i>First and Second Terms</i> —5 Drill.

THIRD CLASS.

ENGLISH.....	<i>First Term</i> —2 Rhetoric. <i>Second Term</i> —1 English Classics.
MATHEMATICS.....	<i>First Term</i> —3 Solid Geometry and Mensuration. <i>Second Term</i> —3 Analytical Geometry.
LANGUAGES.....	<i>First Term</i> —5 German or 5 Latin and Greek. <i>Second Term</i> —5 German or 5 Latin and Greek.
NATURAL SCIENCE....	<i>First Term</i> —3 Physics. <i>Second Term</i> —5 Chemistry.
GEODESY.....	<i>First Term</i> —2 Compass and Chain Surveying and Plane Table Surveying, Theory and Practice; use of Field Instruments. <i>Second Term</i> —2 Trigonometrical and Topographical Surveying and Leveling, Theory and Practice.
DRAWING.....	<i>First and Second Terms</i> —2 Topographical Drawing; Ma- chine Drawing.
MILITARY.....	<i>First and Second Terms</i> —1 Tactics; 5 Drill.

(NOTE.—Students proposing to pursue the course in LITERATURE, are re-
quired to take Latin and Greek; those proposing to pursue the course of AG-
RICULTURE, SCIENCE, or ENGINEERING, are required to take either French and
German, or an equivalent in Latin. Monthly Exercises in Composition and
Declamation are required of all Students of the Third and Fourth Classes.)

COURSE IN AGRICULTURE.

SECOND CLASS.

ENGLISH.....	<i>First Term—3 English and American Literature. Second Term—3 Logic.</i>
NATURAL SCIENCE....	<i>First Term—5 Mechanics and Physics. Second Term—2 Botany.</i>
CHEMISTRY.....	<i>First and Second Terms—5 Qualitative and Quantitative Analysis.</i>
AGRICULTURE.....	<i>First Term—3 Soils; Drainage; Irrigation; Fertilization. Second Term—5 Farm Crops; Implements and Animals.</i>
MILITARY.....	<i>First and Second Terms—2 Tactics; 5 Drill.</i>

FIRST CLASS.

ENGLISH.....	<i>Second Term—3 Political Economy.</i>
NATURAL SCIENCE....	<i>First and Second Terms—3 Descriptive Astronomy; Geology; Physical Geography; Meteorology.</i>
NATURAL HISTORY....	<i>First Term—5 Zoology. Second Term—5 Entomology; Insects injurious and beneficial to vegetation.</i>
AGRICULTURE.....	<i>First Term—5 Fruit Culture; Market Gardening. Second Term—5 Floriculture; Landscape Gardening.</i>
CHEMISTRY.....	<i>First Term—2 How Crops Grow. Second Term—2 How Crops Feed.</i>
MILITARY.....	<i>First and Second Terms—1 Tactics; 5 Drill, Artillery and Infantry.</i>

COURSE IN LITERATURE.

SECOND CLASS.

ENGLISH.....	<i>First Term—3 English and American Literature. Second Term—3 Logic.</i>
MATHEMATICS.....	<i>First Term—3 Analytical Geometry.</i>
LANGUAGES.....	<i>First Term—5 Latin and Greek. Second Term—5 Latin; 5 Greek.</i>
NATURAL SCIENCE....	<i>First Term—5 Mechanics and Physics.</i>
MILITARY.....	<i>First and Second Terms—2 Tactics; 5 Drill.</i>

FIRST CLASS.

ENGLISH.....	<i>First Term—3 Mental and Moral Philosophy. Second Term—3 Political Economy.</i>
LANGUAGES.....	<i>First and Second Terms—5 Latin; 5 Greek.</i>
NATURAL SCIENCE....	<i>First and Second Terms—3 Descriptive Astronomy; Geology; Physical Geography; Meteorology.</i>
MILITARY.....	<i>First and Second Terms—1 Tactics; 5 Drill, Artillery and Infantry.</i>

COURSE IN SCIENCE.

SECOND CLASS.

ENGLISH	<i>First Term</i> —3 English and American Literature. <i>Second Term</i> —3 Logic.
MATHEMATICS	<i>First Term</i> —3 Analytical Geometry. <i>Second Term</i> —3 Calculus.
NATURAL SCIENCE	<i>First Term</i> —5 Mechanics and Physics. <i>Second Term</i> —2 Botany.
CHEMISTRY	<i>First Term</i> —3 Qualitative and Quantitative Analysis. <i>Second Term</i> —5 Qualitative and Quantitative Analysis.
MILITARY	<i>First and Second Terms</i> —2 Tactics; 5 Drill.

FIRST CLASS.

ENGLISH	<i>Second Term</i> —3 Political Economy.
MATHEMATICS	<i>First Term</i> —5 Spherical Trigonometry and Practical Astronomy.
NATURAL SCIENCE	<i>First and Second Terms</i> —3 Descriptive Astronomy; Mineralogy; Geology; Physical Geography; Meteorology.
LABORATORY	<i>First and Second Terms</i> —10 Work in Laboratory.
MILITARY	<i>First and Second Terms</i> —1 Tactics; 5 Drill, Artillery and Infantry.

COURSE IN ENGINEERING.

SECOND CLASS.

ENGLISH	<i>First Term</i> —3 English and American Literature.
MATHEMATICS	<i>First Term</i> —3 Analytical Geometry. <i>Second Term</i> —3 Calculus.
NATURAL SCIENCE	<i>First Term</i> —5 Mechanics and Physics. <i>Second Term</i> —2 Botany.
ENGINEERING	<i>First Term</i> —5 Hydrographical, Topographical and Town Surveying, Theory and Practice. <i>Second Term</i> —5 Line Surveying; Common Roads; Railroads; Canals; Tunnels; Staking out for Construction.
DRAWING	<i>First Term</i> —5 Bridge Drawing. <i>Second Term</i> .—5 Sketches of Tools; of the Component Parts of Machines; and of Bridges and other Structures.
MILITARY	<i>First and Second Terms</i> —2 Tactics; 5 Drill, Artillery and Infantry.

FIRST CLASS.

MATHEMATICS	<i>First Term</i> —3 Spherical Trigonometry and Practical Astronomy.
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NATURAL SCIENCE....	<i>First and Second Terms</i> —3 Descriptive Astronomy; Geology; Physical Geography; Meteorology.
CIVIL ENGINEERING...	<i>First and Second Terms</i> —10 Building Materials; Mortars and Cements; Masonry; Wood and Metals; Strength of Materials; Arches; Framing Bridges and Road Making; Mining.
TOPOGRAPHICAL... }	<i>First and Second Terms</i> —5 Plans, Profiles, and Sections of Railroad Surveys.
DRAWING. }	
MILITARY.....	<i>First and Second Terms</i> —1 Tactics; 5 Drill, Artillery and Infantry.

(NOTE.—The figures indicate the number of weekly recitations required in the studies to which they are attached.)

COMMERCIAL COURSE.

FIRST YEAR.

Orthography, Elocution, Penmanship, Drawing, Robinson's Practical Arithmetic, Elementary Algebra (completed), English Grammar, History of United States and England.

SECOND YEAR.

Composition, Outlines of Ancient History, Algebra, Plane Geometry and Trigonometry, Physics, Botany, Commercial Arithmetic, Book-keeping, Business Forms and Commercial Correspondence.

TEXT BOOKS.

FOURTH CLASS.

Robinson's Complete Algebra, Davies' Legendre (new edition), Davies Trigonometry, Bloss' Ancient History. *French*: Fasquelle's French Course, Fasquelle's Colloquial Reader, Chrestomathie Francaise, Surrenne's Dictionary, Davidson's Linear Drawing, White's Art Studies, Bryant and Stratton's Book-keeping, Bryant and Stratton's Commercial Arithmetic, Upton's Infantry Tactics, Allen & Greenough's or Chase & Stuart's Latin Texts, Cicero's Orations, Virgil, Xenophon's Arabasis (Goodwin), White's Greek Lessons.

THIRD CLASS.

Geometry, Davies' Legendre, Loomis' Analytical Geometry (new edition), Davidson's Projections and Model Drawing, Davies' Surveying and Mensuration, Bloxam's Chemistry, Avery's Elements of Natural Philosophy, Otto Joynes German Reader, Schiller's Wilhelm Tell, Adler's German Dictionary, Hart's Composition and Rhetoric, Selections from English Authors, United States Army Regulations, Tacitus Germania, Horace, Herodotus, Homer (Boise).

SECOND CLASS.

Loomis' Analytical Geometry (new edition), Loomis' Differential Calculus (new edition), Magnus' Mechanics, Olmsted's College Philosophy (Snell's), Gray's Botany, Church's Laboratory Guide, Caldwell's Agricultural Analysis, American Farm Book, Smith's Linear Perspective, Henck's Field Book, Hudson's Shakespeare, Shaw's History of English Literature, Logic, Coppee, Welcker's Military Lessons, Horace, Terence, Latin Composition, Demosthenes, Alcestis, Greek Composition (Jones).

FIRST CLASS.

Loomis' Integral Calculus, Mahan's Engineering, Mahan's Industrial Drawing, Lockyer's Astronomy, Dana's Mineralogy, Dana's Geology, Maury's Physical Geography, Hickok's Science of Mind, Walker's Political Economy, Peabody's Moral Philosophy, Henderson's Gardening for Profit, How Crops Grow, How Crops Feed, Tenney's Elements of Zoology, Wohler's Mineral Analysis, Barry's Fruit Garden, Henderson's Floriculture, Kemp's Landscape Gardening, United States Artillery Tactics, Juvenal, Plautus, Cicero, Latin Literature and Composition, Aristophanes, Oedipus' Tyrannus, Greek Literature and Composition.

REFERENCE BOOKS.

Brush's Determinative Mineralogy, Fresenius' Qualitative and Quantitative Analysis, Plattner's Blow Pipe Analysis, Smith's and Enthoffer's Topography, Rankine's Engineering and Applied Mechanics, Stoney on Strains, Wood's Roofs and Bridges, Merrill on Bridges, Warren's Machine Drawing, Dempsey on Drainage, French on Farm Draining, Schmitz's Student's Classical Atlas, Church's Descriptive Geometry and Shades and Shadows, Peck's Mechanics, Wiesbbach's Mechanics, Mahan's Stone Cutting, Dubois' Graphical Statics, Simms on Leveling, Ernst's Military Engineering, Anthon's Classical Dictionary, Smith's Roman and Grecian Antiquities, Madvig's Latin Grammar, Goodwin's Syntax of the Moods and Tenses, and Curtius' Greek Grammar.

PREPARATORY DEPARTMENT.

In view of the imperfect preparation of many applicants for admission into the College, and of the want of educational facilities in many localities for suitable preparation for college, or even for obtaining a good academic education, there has been established, in connection with the Agricultural and Mechanical College, a PREPARATORY DEPARTMENT.

This Department is intended to be auxiliary to the higher departments of the College, and especially to prepare students to enter the fourth class of any course of the College. It is in charge of a member of the Faculty, assisted by competent Instructors. It affords unusual facilities for thorough preparation for the College courses, or for a good academic education.

ORGANIZATION.

This school is divided into two classes, styled First and Second Sections. Applicants for admission must be at least twelve years old, and should submit to the President satisfactory testimonials of good moral character. Candidates for admission to the second section will be examined as follows: In Reading, Spelling, Elementary Geography, Arithmetic through long division, Elementary English Grammar.

Candidates for Section One will be examined in the studies of the lower section.

EXPENSES.

The expenses of students in this Department are the same as those of the College classes proper, and the various remarks under the head of SPECIAL INFORMATION of the present Catalogue are applicable alike to the College and the Preparatory Department. Students five feet high and four-

teen years of age, are assigned to the Corps of Cadets, and must wear the College uniform. Students under that age are not required to wear the uniform, and if rooming at home, and *not* members of the Corps of Cadets, do not pay the surgeon's fee.

COURSES OF INSTRUCTION.

SECOND SECTION—FIRST YEAR.

Orthography, Reading, Penmanship, Arithmetic.

Geography and Map Drawing.

English Grammar and Composition, Latin, History of United States.

FIRST SECTION—SECOND YEAR.

Orthography, Reading, Elocution, Penmanship.

Arithmetic completed.

Algebra, Elementary, completed.

English Grammar and History of England.

Latin, Greek.

TEXT BOOKS.

PREPARATORY DEPARTMENT.

Goodrich's Sixth Reader, Payson, Dunton and Scribner's Penmanship, Swinton's Word Book, Swinton's Word Analysis, Cornell's Intermediate Geography, Holmes' History of the United States, Anderson's History of England, Hart's English Grammar, Robinson's Practical Arithmetic, Robinson's Elementary Algebra. *Latin*: Allen and Greenough's Latin Grammar and (new) Method, Cæsar, Sallust (Chase and Stuart). *Greek*: Goodwin's Greek Grammar, and White's or Boise's Lessons.

Degrees and Post Graduate Courses.

The degrees of Bachelor of Arts, Bachelor of Agriculture, Bachelor of Science, and Bachelor of Engineering, will be granted only to those who have passed satisfactory examinations in their respective courses. The completion of the post graduate course of one year, will entitle the graduate of Engineering to the degree of Civil Engineer, and the graduate in Agriculture, Literature and Science, to the degree of Master in that course.

Certificates of Proficiency will be granted Cadets upon completion of the courses of Surveying, Architecture and Commerce.

All degrees of regular courses must be conferred upon recommendation of the Faculty, approved by the Board of Trustees.

Bad character, or college delinquency of any kind, shall be good reason for exclusion from a degree.

Each graduate shall propose and submit to the Faculty a thesis on some subject of immediate relation to the studies of his course.

Applicants for degrees and certificates shall notify the Faculty at least one term before Commencement.

No Cadet of the College will be admitted to any degree unless he shall have exhibited to the President of the College a certificate from the Treasurer that his College dues are all paid, and shall have performed the exercise assigned by the Faculty for Commencement.

SPECIAL INFORMATION.

DEPARTMENT OF MILITARY, SCIENCE, AND TACTICS.

By the act of Congress for the endowment of Agricultural and Mechanical Colleges, in prescribing the required studies, the words, "*including military tactics,*" are used. The act is designed to be faithfully carried out, by imparting to each student, not physically incapacitated to bear arms, practical instruction in the school of the soldier, of the company, and the battalion. The duties of guards, outpost and picket service, are practically taught. The College is provided, by the State, with breach-loading cadet rifles, swords, and accoutrements.

The following uniform has been prescribed for dress, viz.: Frock of Cadet gray, three rows of College buttons; gray pants, and black hat, trimmings black. A very neat and serviceable dress suit can be obtained here, not to exceed \$25, and a fatigue suit, not to exceed \$18—sufficient, with proper care, for one year's service. This is less expensive than the usual clothing. All students are required to wear this uniform at all times during the term. In attendance upon drills and guard, students lose no time from academic studies.

The drills are short, and the military duty involves no hardship. The military drill is health-giving exercise, and its good effects in the development of the *physique* and improvement of the carriage of the Cadet, is manifest.

The entire body of students is divided into companies. The officers are selected for proficiency in drill and deportment. Each Company is officered by one Captain, one First Lieutenant, one Second Lieutenant, with a proper number of Sergeants and Corporals. The officers and non-commissioned officers are distinguished by appropriate insignia of

rank. These appointments are conferred by the Commandant of Cadets, as honorary distinctions, and are continuous for the collegiate year, unless forfeited by misconduct.

Cadet-officers are regarded as *assistants in the enforcement of discipline*; their orders are to be considered as duly authorized and to be obeyed accordingly. They are expected to set examples of military deportment and general good conduct to other cadets. Cadet-officers, squad-marchers and sentries are required, under pain of being themselves reported delinquent, to report all facts of delinquency falling under their notice in the performance of their duties. It is made the special duty of every non-commissioned officer to report lateness, disorder in ranks, and all infractions of rules falling under his notice while on duty with his company, guard, or other detachment.

No cadet, or other person, shall be questioned in any way on account of reports rendered by him, nor shall he hold any conversation relating to it with the cadet reported.

Appointments and promotions in Corps are honorable distinctions for military proficiency and good conduct.

Promotions will take place in the order of original appointment only when efficiency, fidelity, progress in studies, conduct and other qualifications warrant them.

Every officer, commissioned and non-commissioned, upon appointment or promotion, is required to pledge himself to a faithful discharge of his official duties.

Every cadet to whom arms and accoutrements are issued, will be held strictly accountable, not only for their preservation, but for their perfect good order at all times.

The prescribed dress will be strictly adhered to, nor will the slightest deviation be allowed. The wearing of fancy cravats, fancy caps, etc., will not be tolerated upon any pretense whatever. Hair will be worn short, and whiskers and moustaches not allowed.

FREE TUITION.

The Trustees have authorized the Faculty to admit all cadets free of tuition. This is not limited to residents of the State. No charge is made for instruction. An inci-

dental fee of five dollars per term is made for servant's attendance in building, fuel, ordinary repairs, use of instruments and chemicals.

A fee of two and a half dollars per term is paid to the Surgeon by each cadet for medical services. No other College fees are required.

SESSION RECORDS AND CIRCULARS.

Daily records of the various exercises of the classes are kept by the officers of instruction in a form adapted to permanent preservation. These are returnable weekly and monthly through the office of the Commandment to the President, and give full information with regard to each student's position, both as respects observed characteristics of general conduct, and the knowledge displayed by him of the current subjects of study. From this record a circular or statement is sent to the parent or guardian every two months.

EXAMINATIONS.

There shall be a written or oral examination of the studies passed over, at the end of each term.

A general yearly average of 70 (the maximum mark being 100) in scholarship will be required to pass a student from any class to the next higher, and if a mark less than 60 is attained in any study, he shall, in addition, be required to pass another examination in that study at the beginning of the ensuing session, before being allowed to pass up; and if found deficient on account of neglect of study, he may be dismissed.

It is particularly required that every student who enters the college shall remain through the examination at the end of the term. Leaves of absence and honorable discharges will, therefore, not be granted within six weeks of the examination, except in extreme cases.

Examinations for Degrees or Certificates of Proficiency are held on the first three days during the month of February, and embrace in their scope the entire subject of study in the course.

DECLAMATION, COMPOSITION: ORIGINAL SPEECHES.

Monthly exercises in Composition and Declamation are required of all students of Fourth and Third Classes.

The First and Second Classes in Literature deliver three original orations during the year.

FIELD WORK AND EXCURSIONS.

In aid of the practical studies of the College, and as a means of familiarizing students with the actual details of work, the second class in Engineering will devote two weeks in December, and the first class, four weeks in April, to field work, and to visits of inspection to machine shops, mills, mines, furnaces, and engineering constructions within convenient reach. Geological students will be afforded, in vacation each year, an opportunity of accompanying the State Geologist in his excursions.

ROAD ENGINEERING.

The Senior Class of the Engineering Course is organized as an Engineering Corps, and goes through all the necessary operations for the construction of a railroad from Auburn to some selected terminus.

Preliminary study of maps.

Reconnaissance.

Running Preliminary lines.

Maps and Memoirs of same.

Final location of road; Grades and Curves.

Final Maps, showing Longitudinal and Cross Sections, Excavations, &c.

The Field Work and Office Work, including Drafting and Calculation, are performed under the direction of the Professor. Each step is accompanied by text book study and lectures. Examinations are made of Engineering works in the vicinity, and written reports upon them (with drafts) are required. Both theory and practice are thoroughly taught.

The work in this Course begins with the first Collegiate term.

DRAWING.

The course in drawing extends through four years. During the first year the students practice linear and freehand draw-

ing. In the second year the elementary principles of instrument drawing, embracing a course of orthographic and isometrical projections, shades and shadows, structural drawing and topographical delineation are taught. This course is obligatory on all.

During the third and fourth years, instruction in drawing is obligatory only on the students in Civil Engineering. In the former year the system of instruction embraces orthographic projections, isometric drawing, shades and shadows, tinting in india ink and colors, the practice of drawing in sketches of tools, the finished work of machines, bridges and other structures. In the last, or fourth year of the Course in Engineering, the students are taught perspective. They then cease to draw for mere practice, and use their graphical skill in machine construction, in making drawings of works visited in excursions to mines, furnaces, water, gas and railway structures. Plans, profiles and sections of railroad surveys complete the course.

Drawing Instruments.—The instruments used at the College are the Swiss, which are preferred for their general excellence and moderate cost. The instruments, with the materials for geometrical and topographical drawing, cost from ten to twenty-five dollars. The student is advised to defer his purchases of drawing-instruments and material until he comes to the College, when he will have the advantage of procuring them under the direction of the Professor of Drawing.

DISCIPLINE.

Military science and tactics are required to be taught in this Institution, both by law of Congress and by act of the State Legislature. The discipline is modeled after that of the best military schools. The government of the College is administered by the President, Commandant and Faculty, in accordance with a Code of Laws and Regulations enacted by the Trustees and published; each student upon matriculating being furnished with a copy.

The strictest attention to study, and the most exact punctuality in attendance on recitations, and all other duties, will be made the *condition* of every student's continuance

at the College; and any student who, without authority, absents himself from recitation, or any other duty, deserts his class, or refuses to attend when warned, shall be dismissed, or less severely punished, at the discretion of the Faculty.

Students are prohibited, under penalty of dismissal, from having in their possession ammunition, weapons or arms not issued for the performance of military duty; nor shall these be kept loaded in quarters under any pretext.

Students are prohibited entering into combinations under any pretext. One who shall begin, excite, cause or join in any boisterous or riotous conduct, or becomes a party to any agreement to avoid or violate any regulation, to hold no intercourse with a comrade, or to do any act to the prejudice of good order and military discipline, shall be dismissed.

No student shall have in his possession, or play at, cards, or games of chance, engage in a raffle, or in any manner wager money or other things, on penalty of dismissal.

Permission to attend private parties, or places of public amusements, will not be granted during the term.

No cadet will be granted a leave of absence more than five times *during a term of twenty weeks*. No cadet will be granted a leave of absence from study which interferes with his attendance on recitation, except on the application of the parent or guardian, addressed directly to the Commandant, and not through the cadet.

A student who shall drink, or bring, or cause to be brought within the cadet's limits, or have or allow in his room, tent, or otherwise in his possession, any fermented or intoxicating liquor, or fruits or viands preserved in intoxicating liquor, shall be dismissed.

A student who shall cut, mark, or otherwise injure or deface the buildings, furniture or appurtenances; the trees, shrubbery, green-sward, grounds, fences, stables, or out-houses; or who shall lose, injure, destroy, or improperly dispose of the arms, accoutrements, or other property of the College, shall make good all damage, and be dismissed or

otherwise punished, according to the nature of the offense.

A student who is discharged, dismissed or suspended, must leave the college grounds immediately. Should he continue to wear the uniform, the fact that he is no longer a member of the college may be published.

Any student who shall overstay a leave of absence, must produce satisfactory evidence of his having been detained by sickness, by his parent or guardian, or by some unavoidable cause, otherwise he will be dismissed, or otherwise punished.

Day scholars detained at home from any cause, must render written excuse, approved by parent, guardian or physician, setting forth substantial reasons satisfactory to the Commandant, for the detention; otherwise their reports will not be excused.

To each recorded delinquency a number of from one to ten proportional to the degree of the offense in a moral and military view, is assigned to express demerit.

If any student receives 150 demerits for the whole or any part of a half year, or 250 for a greater period, he shall be declared deficient and dismissed.

RELIGIOUS SERVICES.

Religious services are held every morning in the chapel.

The students are required to attend these exercises, and are expected to attend the church of their choice at least once on Sunday. Opportunities are also offered for attending Bible classes every Sunday.

By statute of the State the sale of spirituous liquors and keeping of gaming saloons of every kind, within five miles of Auburn, are forbidden.

The College will be carefully preserved from the control or domination of any party or sect in religion or politics.

LOCATION AND BUILDING.

The College is situated in the town of Auburn, sixty miles from Montgomery, directly on the line of the Western Railroad.

The region is high and healthful, 821 feet above tide water,

being more elevated than Montgomery by 659 feet, or than Talladega by 200 feet.

The building is large and commodious, and is well furnished with rooms for college use.

CHEMICAL LABORATORY.

The Chemical Laboratory is admirably fitted up for work in Analysis. It consists of a Lecture Room, (nicely fitted up with counters, Pneumatic Trough, Gasometer, and large glass cases,) a Work-Room, with twenty-five work tables, a Furnace-Room, and a Balance-Room. All are furnished with *Gas and Water*. Every student pursuing Analytical Chemistry is provided with a separate work table, the necessary chemicals and apparatus, a jet of gas with Bunsen's burners, and enameled water sinks. In the Balance-Room are Balances made by Oertling, of London, and Becker, of New York.

APPARATUS, CABINET AND MUSEUM.

The apparatus, both chemical and philosophical, is already extensive, and additions are being made thereto. The Cabinet of Minerals is very comprehensive. The Museum is small, but contains many rare and valuable specimens. It, too, is receiving additions. Natural Science, in all its branches, receives particular attention, and every facility in the way of experiment and illustration is offered to the student.

We earnestly request the citizens of the State to forward to the Professor of Mineralogy and Geology any specimens which may be useful in the geological study of Alabama.

By a recent act of the Legislature appointing a State Geologist, it is made his duty to furnish this Institution a full set of all the minerals of the State, thus giving a prospective increase to our already valuable cabinet, and by which the Geology of Alabama may be fully illustrated.

DRAWING ROOM.

The Drawing Room is fitted up with all necessary arrangements. A full set of geometrical models is provided. A

large number of photographs, lithographs and manuscript drawings—English, German, and French—have been imported. They illustrate the following subjects: General Descriptive Geometry, Linear Perspective, Shades, Shadows, and Reflections, Masonry and Stone Cutting, Girders and Trusses of wood and iron; furnaces, boilers, railroad shops, depots, offices, machines, and their details, shown in the conventional colors used in France and Germany.

A selection of portfolios in landscape, figure and classic subjects, and casts from the gallery of the Louvre in Paris, is calculated to meet the wants of students desiring to pursue a full course in free-hand drawing.

TELEGRAPHY.

A set of telegraphic apparatus, connecting the Professors' rooms and the offices in the college building, is in daily use. A class of operators receive regular instruction, and will be prepared to take charge of telegraph offices on completing the course.

SOCIETIES.

There are two Literary Societies—the Wirt and the Websterian—connected with the College. Each has a commodious hall handsomely fitted up, a library of standard and miscellaneous works, and a reading room. Their weekly exercises add to the facilities afforded by the College for practice in composition, elocution, and discussion.

SOCIETY OF ALUMNI.

The Annual Alumni Oration, by a member of the Society, is delivered in the Chapel, Tuesday evening of Commencement week.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

This Association comprises the students who are members of churches. Its object is to promote the religious character and usefulness of those connected with it. Weekly meetings are held, and public addresses occasionally delivered.

W. M. Blackwelder, President.

M. S. Andrews, Corresponding Secretary.

BOARDING.

Students, after selecting their boarding-houses, will not be permitted to make changes without first obtaining permission of the Faculty.

The Faculty will feel authorized to remove students from boarding-houses when it becomes manifest that they are failing in their duties from improper associations, or for any other reason demanding such removal.

Parents and guardians are advised to send all money for payment of tuition and board to the Treasurer of the College, with instructions for its appropriation.

EXPENSES.

Tuition free to all cadets in or out of the State.

Incidental fee, per term, in advance.....\$5.00

Surgeon fee... .. 2.50

Diploma..... 5.00

Board, in private families, per month\$12 to 15

ACADEMIC YEAR.

The academic year, which is divided into two equal terms, commences on the last Wednesday in September, and ends on the last Wednesday in June following. The second term begins on the second Wednesday in February.

PUBLIC EXERCISES.

The Annual Commencement takes place on the last Wednesday in June.

On Sunday preceding the day of Commencement, a sermon is preached, in the chapel, by some Divine selected by the Faculty.

On Monday, the second day of Commencement, there is a dress parade of the Corps of Cadets, on the College campus, at 6 P. M.

Monday, 8 P. M., is assigned for the exhibition of the Third Class Prize Declaimers.

The Second Class deliver original orations on Tuesday

morning. An Agricultural Address is delivered in the forenoon. In the afternoon, the Corps of Cadets is reviewed by the Governor and Board of Trustees. At 8 P. M., the Alumni Oration is delivered.

CALENDAR FOR 1879.

SUNDAY, June 22.

10 $\frac{1}{2}$ A. M.—Commencement Sermon, Rev. J. J. Robinson, D.
D., of Eufaula.

8 P. M.—Address to Young Men's Christian Association.

MONDAY, June 23.

3 P. M.—Meeting of Board of Trustees.

6 P. M.—Dress Parade.....Corps.

8 P. M.—Declamation.....Third Class.

TUESDAY, June 24.

10 A. M.—Orations.....Second Class.

12 M.—Agricultural Address, Hon. Thomas Hardeman, of
Georgia.

4 P. M.—Review of Corps.....by Governor.

6 P. M.—Dress Parade.....Corps.

8 P. M.—Alumni Address.....E. R. Rivers, C. E.

WEDNESDAY, June 25.

10 A. M.—Orations.....Graduating Class.

12 M.—Address to Societies, Hon. H. C. Tompkins, of
Montgomery.

1 P. M.—Conferring Degrees.....President.

6 P. M.—Dress Parade.....Corps.

8 P. M.—Levee.

SESSION OF 1879-80.

First term begins Wednesday, September 24.

Second term begins Wednesday, February 11.

Entrance Examination, Monday and Tuesday September
22 and 23.